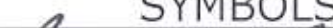
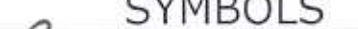




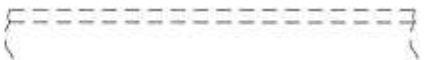








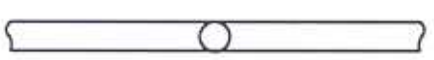

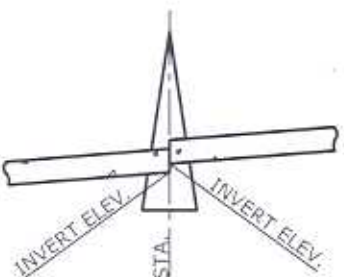

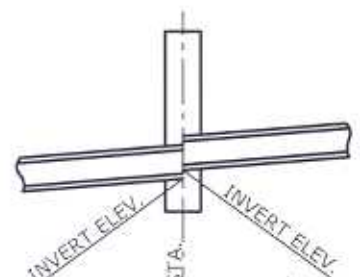
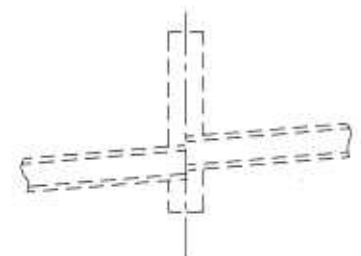
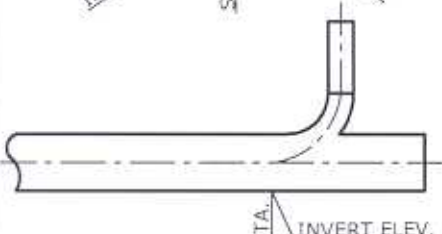
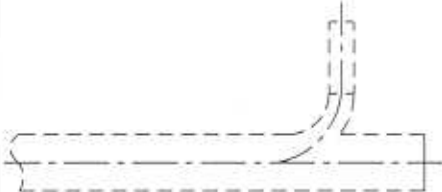


PROJECT IMPROVEMENTS	EXISTING	DESCRIPTION
		STREET OR RIGHT OF WAY LINE
		LOT LINE
		CITY LIMIT LINE
		CENTERLINE OR CONSTRUCTION LINE
		EASEMENT LINE
		STORM DRAIN
		SANITARY SEWER
		WATER MAIN
		GAS LINE
		TELEPHONE OR TELEGRAPH CONDUIT
		POWER OR ELECTRICAL CONDUIT
		SIGNAL CONDUIT
		CASING
		GATE VALVE
		REDUCER
		TEE
		CROSS
		BLOW OFF
		CAP OR PLUG
		AIR AND VAC
		WATER METER
		BEND
		FIRE HYDRANT ASSEMBLY TYPE A
		FIRE HYDRANT ASSEMBLY TYPE B
		ENCASEMENT
		FLUSHING INLET
		SANITARY SEWER MANHOLE






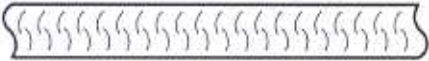
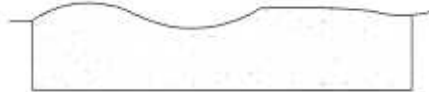


CITY OF MILPITAS, ENGINEERING DIVISION				STANDARD DRAWING
REVISION	DATE	DESIGNED:	CONSTRUCTION DRAWING PLAN SYMBOLS	NO. 101
①		DRAWN: JV		ORIGINAL DATE: 10/8/91
		CHECKED: MK		
		① APPROVED BY: 		SHEET 1 OF 11
		PUBLIC WORKS DIRECTOR / CITY ENGINEER		DATE: 11/9/00

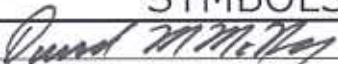
PROJECT IMPROVEMENTS	EXISTING	DESCRIPTION
		STORM DRAIN MANHOLE
		DROP INLET
		CURB AND GUTTER
		SIDEWALK
		DRIVEWAY-SIDEWALK ADJACENT TO PROPERTY LINE
		DRIVEWAY-SIDEWALK ADJACENT TO CURB AND GUTTER
		ASPHALT CONCRETE
		GUY ANCHOR
		BARRICADE OR GUARD RAIL
		FENCE-BARB WIRE, HOG WIRE, BOARD, etc.
		CHAIN LINK FENCE
		RAILROAD TRACK
		TREE SHRUBS
		POWER POLE
		TELEPHONE POLE
		JOINT POLE
		POST, POLE, or STANDARD
		TRAFFIC SIGN
		STREET SIGN
		STREET SIGN ON ELECTROLIER
		ELECTROLIER
		TRAFFIC SIGNAL (GENERAL)
		JUNCTION BOX & SIZE

CITY OF MILPITAS, ENGINEERING DIVISION				STANDARD DRAWING NO. 101	
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		APPROVED BY: 	ORIGINAL: 10/8/91 DATE		
		1 PUBLIC WORKS DIRECTOR / CITY ENGINEER	DATE: 11/9/00 SHEET 2 OF 11		

PROJECT IMPROVEMENTS	EXISTING	DESCRIPTION
		FINISHED GRADE
		WATER LINE OR SMALL DIAMETER SANITARY SEWER
		STORM DRAIN OR LARGE DIAMETER SANITARY SEWER
		CASING
		PIPE CROSSING CONSTRUCTION
		REDUCER
		GATE VALVE
		TEE OR CROSS
		STORM DRAIN AND SEWER MANHOLE NOTE: INVERT ELEVATIONS SHOWN ARE THEORETICAL EXTENSIONS OF PIPE INVERTS TO CENTERLINE OF STRUCTURE.
		STORM WATER INLET NOTE: INVERT ELEVATIONS SHOWN ARE THEORETICAL EXTENSIONS OF THE PIPE INVERTS TO CENTER LINE OF STRUCTURE.
		FLUSHING INLET NOTE: STATION AND INVERT ELEVATIONS ARE AT INTERSECTION OF CENTERLINE OF BRANCH AND INVERT OF WYE.










CITY OF MILPITAS, ENGINEERING DIVISION				STANDARD DRAWING NO. 101
REVISION	DATE	DESIGNED:	CONSTRUCTION DRAWING PROFILE SYMBOLS	
1		DRAWN: JV		
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		1 APPROVED BY: David M. McRae PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE: 11/9/00		
				ORIGINAL DATE: 10/8/91
				SHEET 3 OF 11


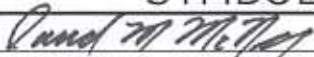
PROJECT IMPROVEMENTS	EXISTING	DESCRIPTION
		PORTLAND CEMENT CONCRETE
		ASPHALT CONCRETE
		AGGREGATE BASE
		AGGREGATE SUBBASE
		SAND
		EARTH SURFACE

CITY OF MILPITAS, ENGINEERING DIVISION				STANDARD DRAWING NO. 101	
REVISION	DATE	DESIGNED:	CONSTRUCTION DRAWING CROSS SECTION SYMBOLS		
1		DRAWN: JV			
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		APPROVED BY: 	ORIGINAL: 10/8/91 DATE		
		PUBLIC WORKS DIRECTOR / CITY ENGINEER			SHEET 4 OF 11
		DATE: 11/9/00			

I	AMERICAN STANDARD BEAM
ξ OR &	AND
L	ANGLE (STRUCTURAL)
@	AT
℄	CENTERLINE
□	CHANNEL (STRUCTURAL)
○	DEGREE
Δ	DELTA OR CENTRAL ANGLE
φ	DIAMETER OR PHASE
"	DITTO, INCHES, OR SECOND (ANGULAR)
'	FEET, MINUTES (ANGULAR)
—	MINUS
#	NUMBER OR POUND
d	PENNY
ℙ	PLATE, PROPERTY LINE
%	PERCENT
+	PLUS
±	APPROXIMATE (LAST SIGNIFICANT FIGURE IS QUESTIONABLE)
T	TEE (STRUCTURAL)
W ^F	WIDE FLANGED BEAM (STRUCTURAL)
X	BY (AS IN 2 x 4)
Ω	OHM
◻	SQUARE

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1		DRAWN: JV			
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		APPROVED BY: <i>David M. McPherson</i>	ORIGINAL: 10/8/91 DATE		
		PUBLIC WORKS DIRECTOR / CITY ENGINEER			SHEET 5 OF 11
				DATE: 11/9/00	

SET	FOUND	DESCRIPTION
		CONCRETE MONUMENT IN BOX
		IRON PIPE IN BOX (SIZE)
		IRON PIPE (SIZE)
		BENCH MARK
		SUBDIVISION BOUNDARY (NEW)
		PUBLIC RIGHT OF WAY (NEW)
		PUBLIC RIGHT OF WAY (EXISTING)
		LOT LINE
		CENTER LINE
		ULTIMATE RIGHT OF WAY
		EASEMENT LINE
		NO VEHICULAR ACCESS

CITY OF MILPITAS, ENGINEERING DIVISION			STANDARD DRAWING NO. 101
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A	AREA, AMPERE	C	CONDUIT
AB	AGGREGATE BASE	CALC	CALCULATED
ABS	ACRYLONITRILE-BUTADIENE-STYRENE	CC	CENTER-TO-CENTER
AC	ASPHALT CONCRETE, ALTERNATING CURRENT	CCG	CONCRETE CURB & GUTTER
ACB	AIR CIRCUIT BREAKER	CFM	CUBIC FEET PER MINUTE
AE	ANCHOR EASEMENT	CFS	CUBIC FEET PER SECOND
AMP	AMPERE	CH V	CHECK VALVE
APPROX	APPROXIMATE	CI	CURB INLET
ASB	AGGREGATE SUBBASE	CIP	CAST IRON PIPE
AVE	AVENUE	CIRC	CIRCUMFERENCE
AWG	AMERICAN WIRE GAUGE	CKT	CIRCUIT
		CL	CEMENT LINED, CLEAR
		CLKG	CAULKING
B	BELL	CLF	CHAIN LINK FENCE
BC	BEGIN CURVE	CMP	CORRUGATED METAL PIPE
BCR	BEGIN CURB RETURN	CO	CLEAN OUT
BCW	BARE COPPER WIRE	CONC	CONCRETE
BLDG	BUILDING	CONCEN	CONCENTRIC
BLK	BLOCK	CONN	CONNECT
BF	BACKFILL	CONST	CONSTRUCT
BLVD	BOULEVARD	CONT	CONTINUE
BM	BENCHMARK	COP	COPPER
BO	BLOWOFF	COR	CORNER
BR	BRASS	CORP	CORPORATION
BRZ	BRONZE	COV	COVER
BVC	BEGIN VERTICAL CURVE	CSG	CASING
		CT	COURT
		CU	CUBIC
		CULV	CULVERT
		CY	CUBIC YARD

CITY OF MILPITAS, ENGINEERING DIVISION				STANDARD DRAWING NO. 101	
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1		DRAWN: JV			
		CHECKED: MK			
		APPROVED BY: <i>David M. McElroy</i>	ORIGINAL DATE: 10/8/91		
		1 PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE: 11/9/00	SHEET 7 OF 11		

D	DRAIN	EXC	EXCAVATE
DC	DIRECT CURRENT	EXIST	EXISTING
DEG	DEGREE	EXP JT	EXPANSION JOINT
DET	DETAIL		
DIA	DIAMETER	FLG	FLANGE
DI	DROP INLET	FB	FIELD BOOK
DR	DRIVE	FG	FINISHED GRADE
D/W	DRIVEWAY	FIN	FINISH
DWG	DRAWING	FI	FLOOR
DWL	DOWEL	FL	FLOW LINE
		FLGD	FLANGED
e	EXTERNAL DISTANCE (VERTICAL CURVES)	FM	FORCED MAIN
E	EAST, ELECTRICAL	FND	FOUNDATION
EA	EACH	FOC	FACE OF CURB
EAE	EMERGENCY ACCESS EASEMENT	FT	FOOT
EC	END CURVE	FTG	FOOTING
ECC	ECCENTRIC	FURN	FURNISH
ECR	END CURVE RETURN		
EF	EACH FACE	G	GAS
ELEV	ELEVATION	GA	GAUGE
ELL	ELBOW	GAL	GALLON
EMB	EMBANKMENT	GALV	GALVANIZED
ENC	ENCASE	GC	GRADE CHANGE
ENGR	ENGINEER	GL	GRADE LINE
EP	EDGE OF PAVEMENT	GND	GROUND
ER	END OF RETURN	GPM	GALLON PER MINUTE
ES	EDGE OF SHOULDER	GR	GRADE
EVC	END OF VERTICAL CURVE	GV	GATE VALVE
EW	EACH WAY		

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		APPROVED BY: <i>[Signature]</i>	
PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE: 11/9/00			SHEET 8 OF 11

H	HUB, HEIGHT	MAT	MATERIAL
HE	HUB END	MAX	MAXIMUM
HOR	HORIZONTAL	MEAS	MEASURE
HP	HORSEPOWER	MECH JT	MECHANICAL JOINT
H & T	HUB AND TACK	MFG	MANUFACTURE
HW	HEADWALL	MG	MILLION GALLONS
HYD	HYDRANT	MGD	MILLION GALLONS PER DAY
		MH	MANHOLE
ID	INSIDE DIAMETER	MI	MILE
IMS	IMPORTED MATERIAL SUBBASE	MIN	MINIMUM
IN	INCHES	MK	MARK
INST	INSTALL	MOD	MODIFY, MODEL
INV	INVERT	MON	MONUMENT
IPS	IRON PIPE SIZE	MSL	MEAN SEA LEVEL DATUM
IRR	IRRIGATION		
		N	NORTH, NEUTRAL (ELECTRICAL)
JB	JUNCTION BOX	N & S	NAIL AND SHINER
JP	JOINT POLE	NC	NATIONAL COURSE
JT	JOINT	NIC	NOT INCLUDED IN CONTRACT
		NIP	NIPPLE
KW	KILOWATT	NO	NUMBER
		NOM	NOMINAL
L	LENGTH	NRS	NON RISING STEM
LB	POUND	NWS	NORMAL WATER SURFACE
LD	LEAD		
LG	LIP OF GUTTER	OCB	
LIN	LINEAR	OD	
LN	LANE	OS & Y	
LT	LEFT	OZ	

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PUBLIC WORKS DIRECTOR / CITY ENGINEER DATE: 11/9/00			SHEET 9 OF 11

CONSTRUCTION DRAWING ABBREVIATIONS

PACBELL	PACIFIC BELL	R	RADIUS, RADIAL
PC	PIECE	RAD	RADIAL
PCC	PORTLAND CEMENT CONCRETE POINT OF COMPOUND CURVE	RCB	REINFORCED CONCRETE BOX
PCP	POROUS CONCRETE PIPE	RCP	REINFORCED CONCRETE PIPE
PE	PLANTING EASEMENT	RD	ROAD
PED	PEDESTRIAN	REC	RECORD
PG	PAGE	RED	REDUCER
PG & E	PACIFIC GAS & ELECTRIC CO.	REF	REFERENCE
PI	POINT OF INTERSECTION	REINF	REINFORCE
P/L	PROPERTY LINE	REQD	REQUIRED
PL	PLACE	REV	REVISED
PMP	PERFORATED METAL PIPE	RPM	REVOLUTIONS PER MINUTE
PVMT	PAVEMENT	RR	RAILROAD
POC	POINT ON CURVE	RT	RIGHT
POVC	POINT ON VERTICAL CURVE	R/W	RIGHT OF WAY
POT	POINT ON TANGENT	RWD	REDWOOD
PP	POWER POLE	S	SPIGOT, SOUTH SLOPE, SEWER
PRC	POINT OF REVERSE CURVE	SAN	SANITARY
PROJ	PROJECT	SCVWD	SANTA CLARA VALLEY WATER DISTRICT
PROP	PROPOSED	SCP	STEEL CYLINDER PIPE
PSI	POUND PER SQUARE INCH	SDE	STORM DRAIN EASEMENT
PSF	POUND PER SQUARE FOOT	SE	SLOPE EASEMENT
PSUE	PUBLIC SERVICE UTILITY EASEMENT	SEC	SECOND
PT & T	PACIFIC TELEPHONE & TELEGRAPH COMPANY	SERV	SERVICE
PVCP	PERFORATED VITRIFIED CLAY PIPE	SEW	SEWER
PVC	POLYVINYL CHLORIDE	SP	SOUTHERN PACIFIC COMPANY

CITY OF MILPITAS, ENGINEERING DIVISION

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NO. 101

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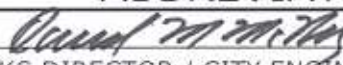
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CONSTRUCTION
DRAWING
ABBREVIATIONS

ORIGINAL: 10/8/91
DATE

SHEET 10 OF 11

SPEC	SPECIFICATION, SPECIAL	V	VOLT, VOLUME
SQ	SQUARE	VAR	VARIES
S4S	SURFACED FOUR SIDES	VC	VERTICAL CURVE
SSE	SANITARY SEWER EASEMENT	VCP	VITRIFIED CLAY PIPE
ST	STREET	VERT	VERTICAL
St	STORM		
STA	STATION	W	WATTS, WEST, WATER
STD	STANDARD	WCE	WIRE CLEARANCE EASEMENT
STM	STEAMER	WE	WATER EASEMENT
STR	STRUCTURE	WH	WEEPHOLE
S/W	SIDEWALK	WIP	WROUGHT IRON PIPE
SWI	STORM WATER INLET	WM	WATER METER
		WME	WALL MAINTENANCE EASEMENT
T	TANGENT DISTANCE, TELEPHONE	WSP	WELDED STEEL PIPE
TAP	TAPPING	WT	WEIGHT
TBM	TEMPORARY BENCH MARK	WV	WATER VALVE
TC	TOP OF CURB		
T & G	TONGUE AND GROVE	YD	YARD
TERR	TERRACE		
TP	TURNING POINT, TELEPHONE POLE		
TR	TRACT		
TUB	TUBING		
TYP	TYPICAL		
UB	UNTREATED BASE		
USC & GS	U.S. COAST & GEODETIC SURVEY		
USGS	U.S. GEOLOGICAL SURVEY		

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